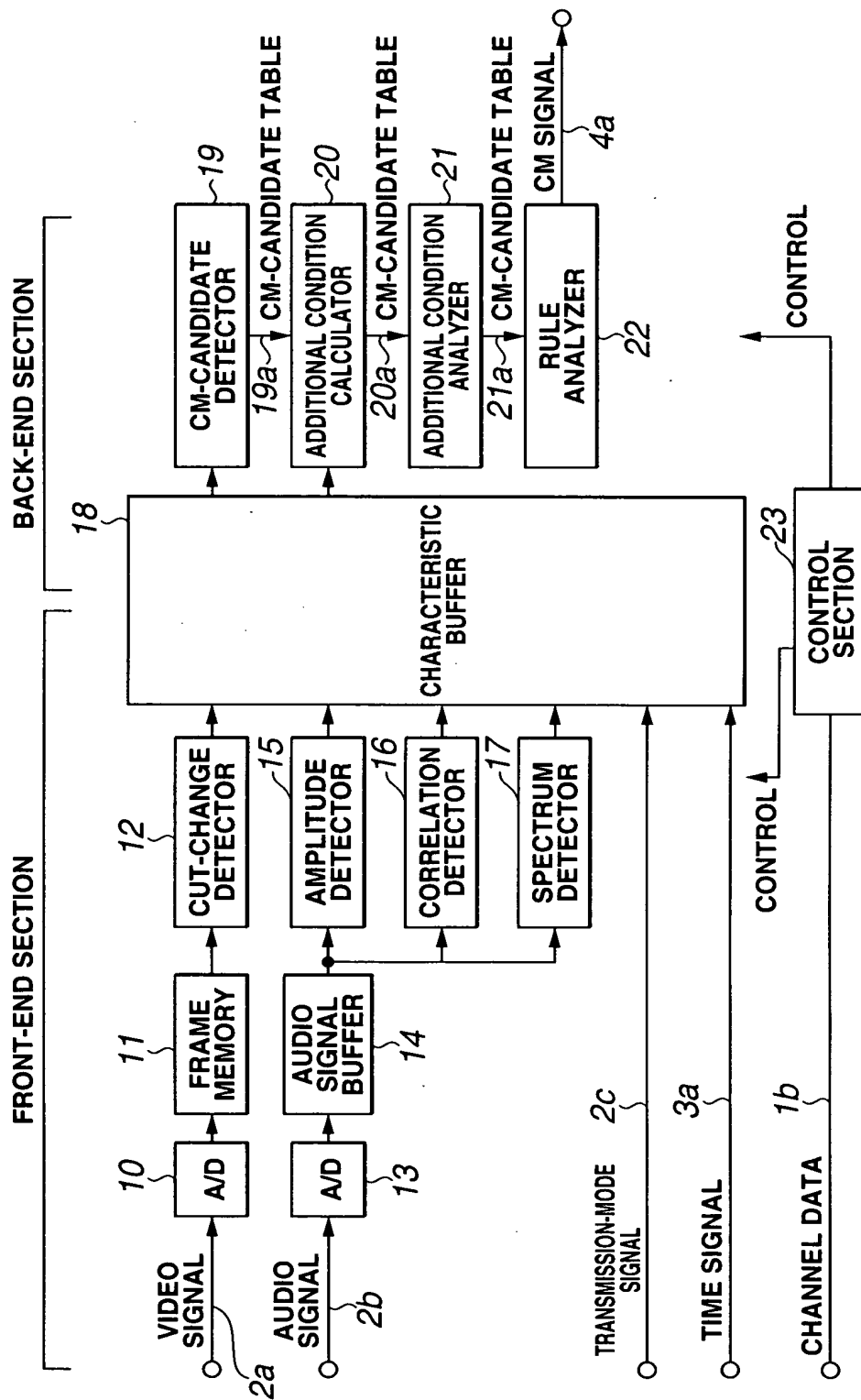


FIG. 1



CM-DETECTING SECTION 4

FIG.2

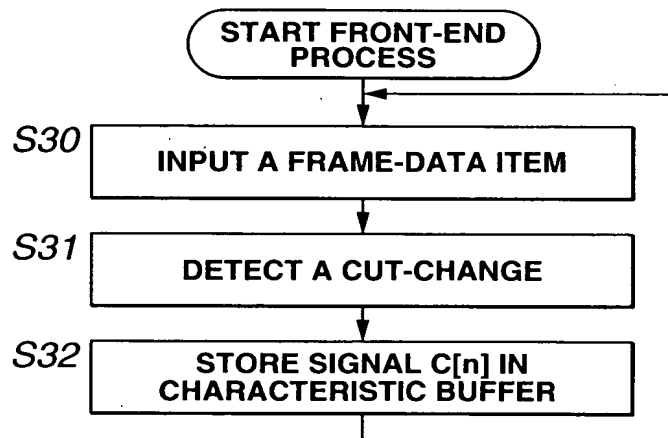


FIG.3

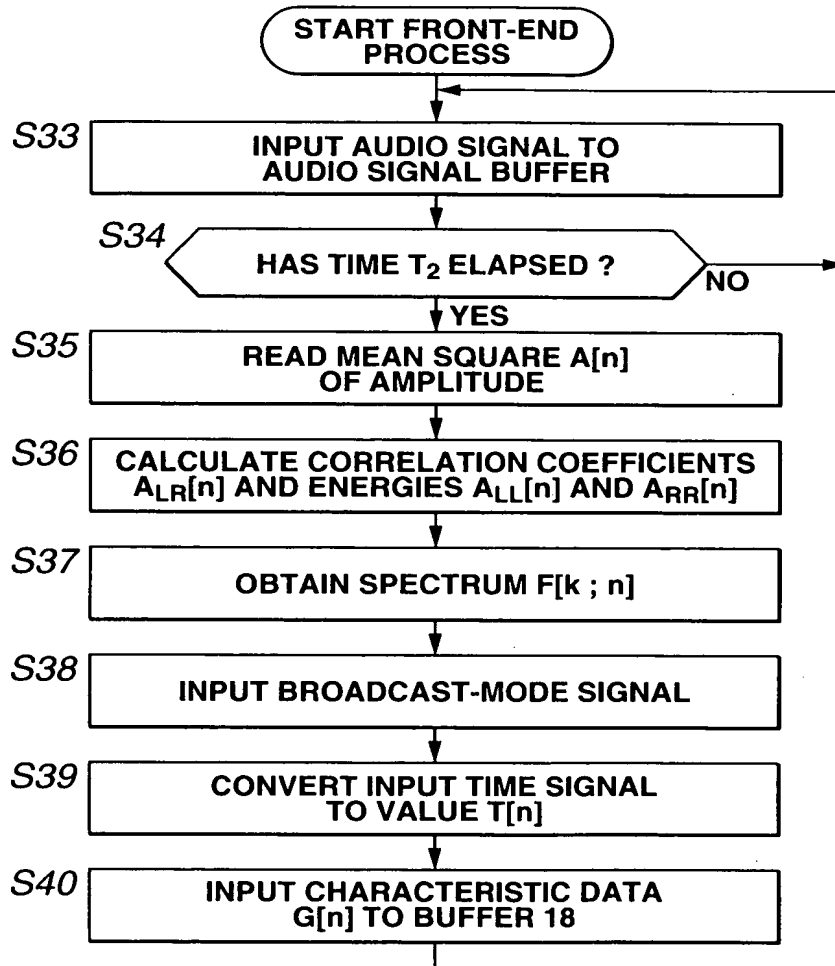


FIG.4

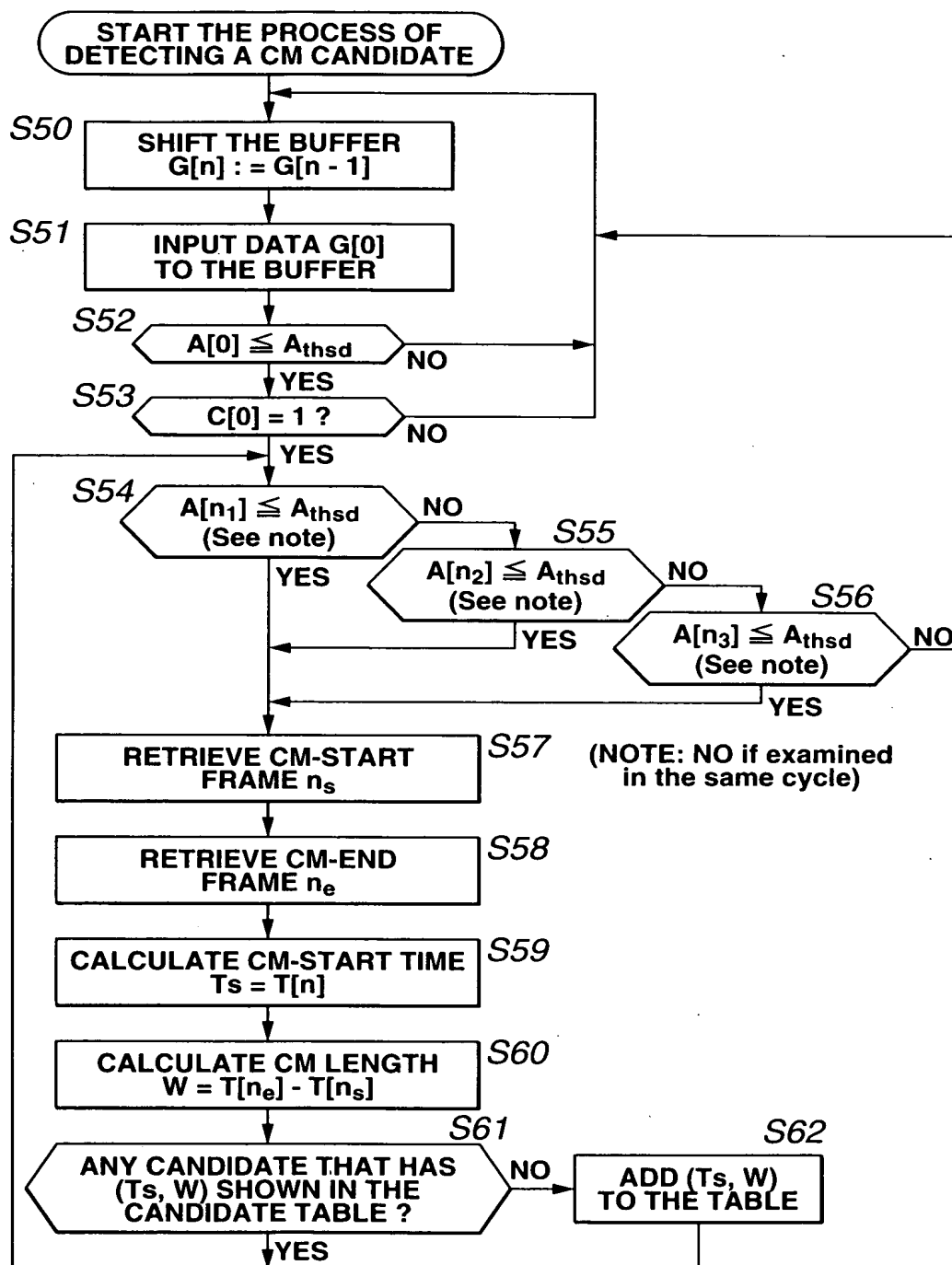


FIG.5

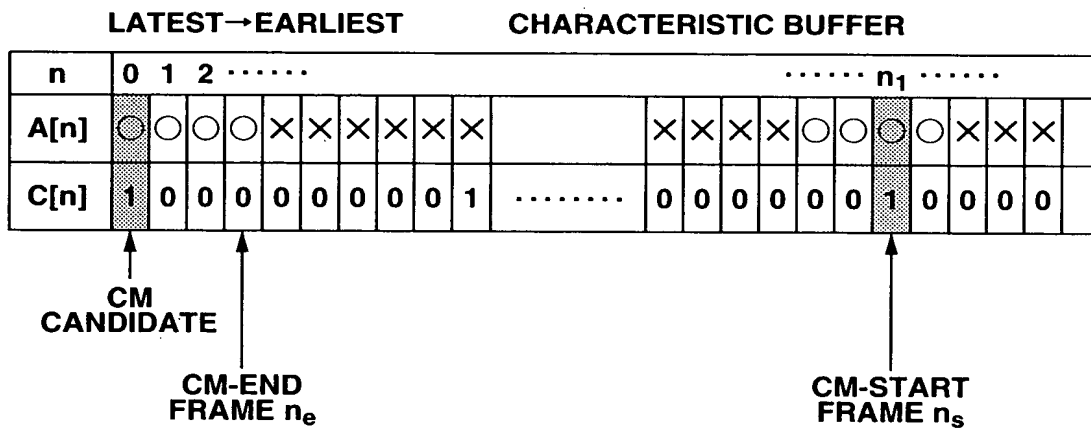


FIG.6

ITEM	SYMBOL	UNIT	EXAMPLE OF NECESSARY CONDITION (19a)	EXAMPLE OF NECESSARY CONDITION (20a)	EXAMPLE OF CONDITION DETERMINED (21a)
START TIME	Ts	hr, min., sec.	1:23'45	1:23'45	1:23'45
LENGTH (SOUND)	Tw	sec.	14.63	14.63	14.63
PRE-BREAK LENGTH	Q ₁	ms	-	300.0	300.0
POST-BREAK LENGTH	Q ₂	ms	-	300.0	300.0
MINIMUM WIDTH OF PRE-BREAK	Q ₃	(See note)	-	0.00015	0.00015
MINIMUM WIDTH OF POST-BREAK	Q ₄	(See note)	-	0.00020	0.00020
LEFT-RIGHT CORRELATION	Q ₅	-	-	0.934	0.934
MEAN AMPLITUDE	Q ₆	(See note)	-	0.010	0.010
NUMBER OF CUTS	Q ₇	piece	-	9	9
BROADCAST MODE	Q ₈	-	-	1	1
NUMBER OF ADJACENT CANDIDATES	Q ₉	piece	-	2	2
ENERGY OF PRE-SPECTRUM DIFFERENCE	Q ₁₀	-	-	0.41	0.41
ENERGY OF POST-SPECTRUM DIFFERENCE	Q ₁₁	-	-	0.63	0.63
SCORE	R	-	-	-	1.80
SCORE	Z	-	-	-	1

*note: amount of the amplitude of the audio signal is represented as
the proportion to the maximum amplitude

FIG.7

FIG. 8A

CUT-CHANGE $C[n]$

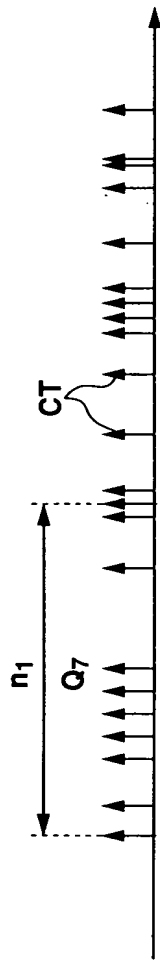


FIG. 8B

BROADCAST-MODE $B[n]$

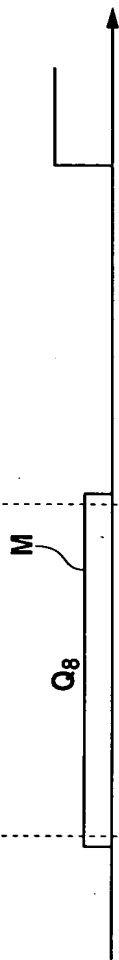


FIG. 8C

SPECTRUM OF
AUDIO SIGNAL $S[k; n]$

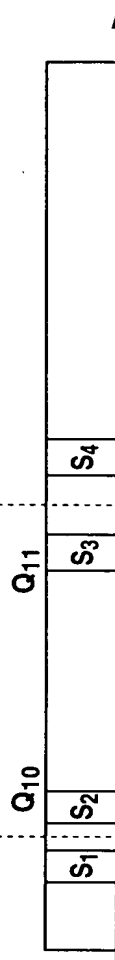
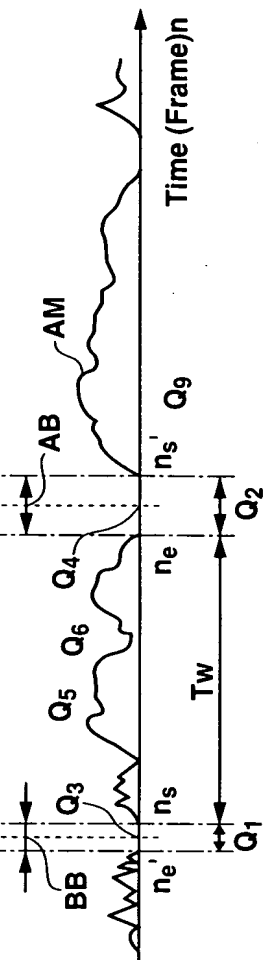


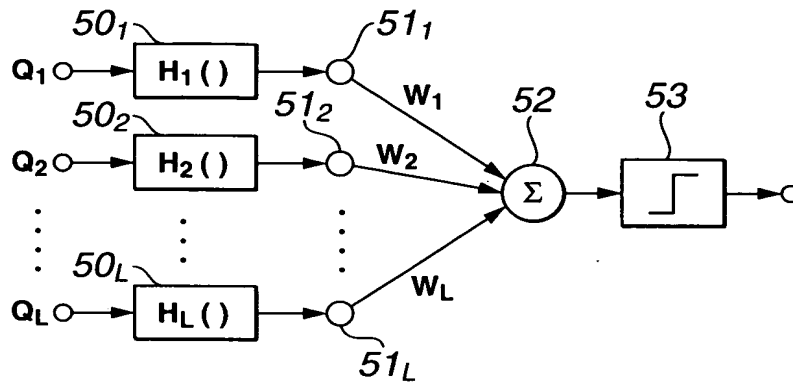
FIG. 8D

MEAN SQUARE $A[n]$ OF
AMPLITUDE OF AUDIO SIGNAL



* USE $A_{LL}[n]$, $A_{RR}[n]$ AND $A_{LR}[n]$ TO CALCULATE Q_5

FIG. 9



ADDITIONAL CONDITION ANALYZER 21

FIG.9

FIG.10A

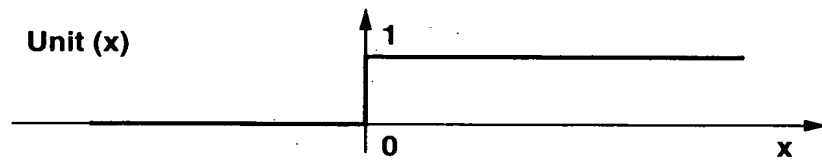


FIG.10B

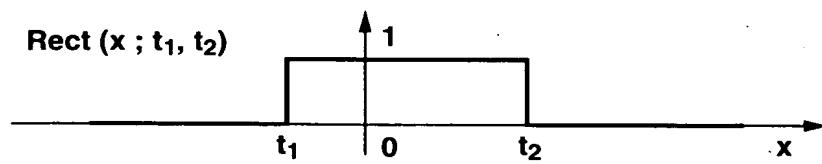
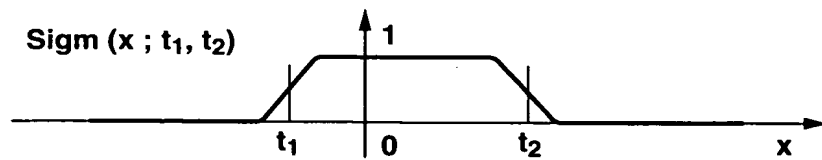


FIG.10C



TOP SECRET

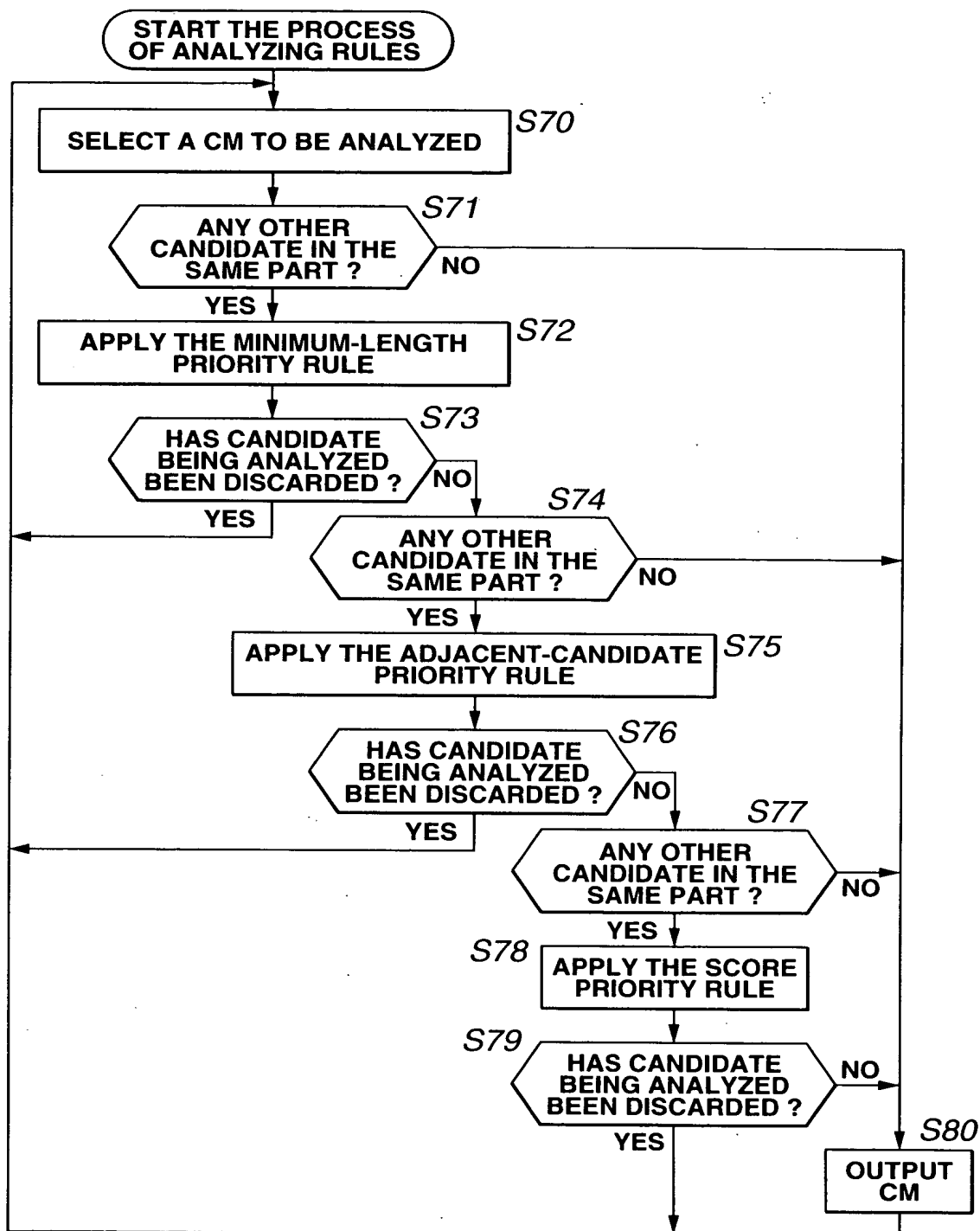


FIG.11

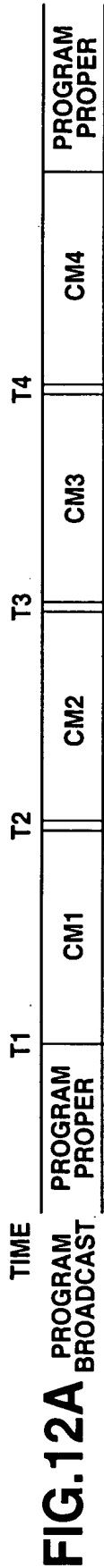


FIG.12B LATEST CM CANDIDATE

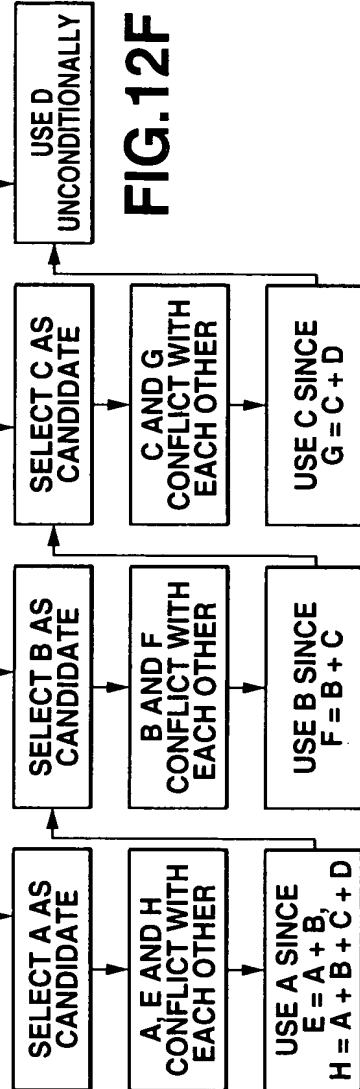
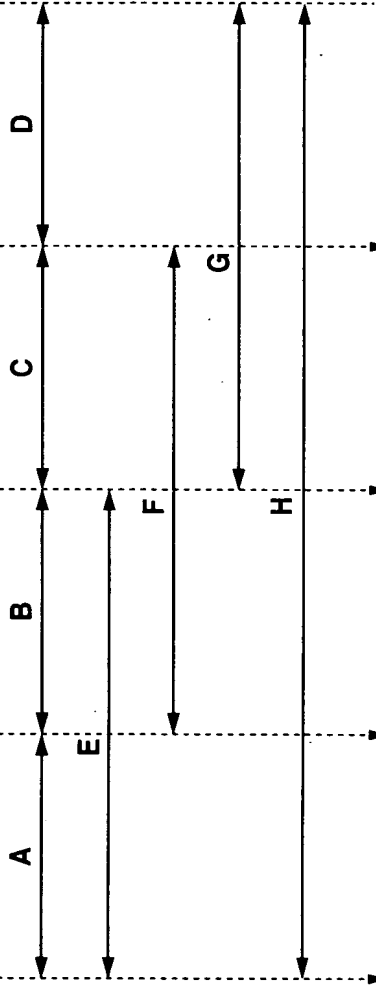


FIG.12F

FIG.12C **FIG.12D** **FIG.12E**

MINIMUM-LENGTH PRIORITY RULE

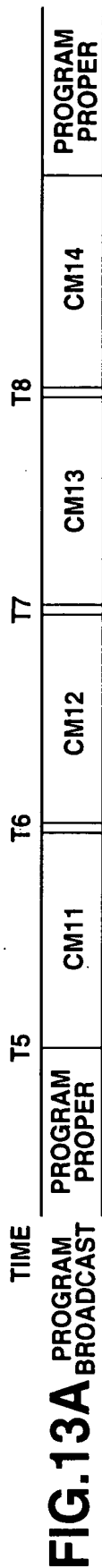


FIG. 13B LATEST CM CANDIDATE

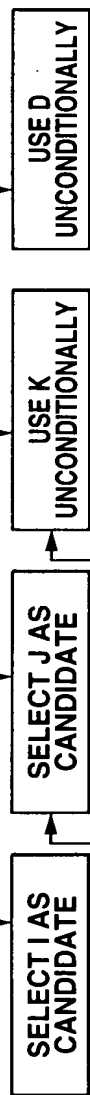


FIG. 13E **FIG. 13F**

FIG. 13D **FIG. 13D**

ADJACENT-CANDIDATE PRIORITY RULE

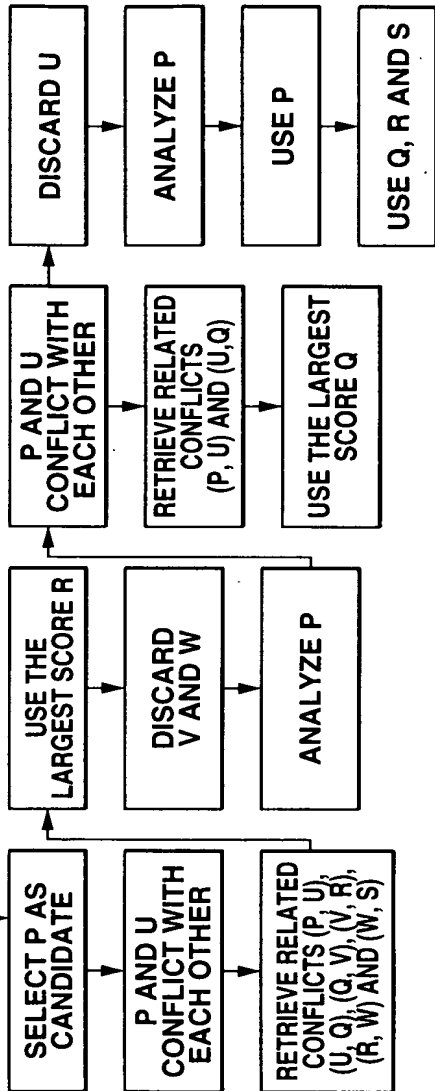
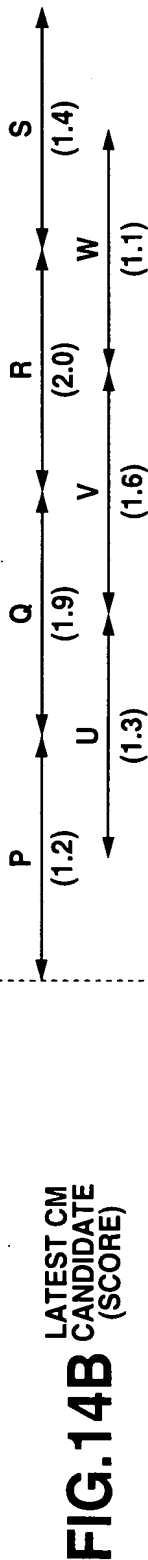
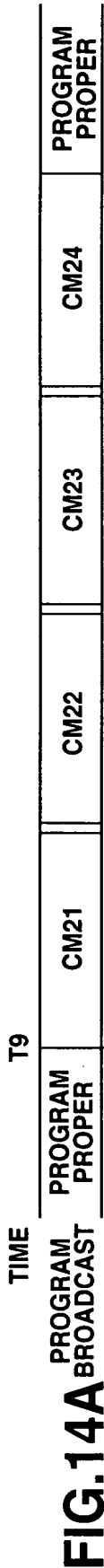


FIG.14D

FIG.14E

FIG.14F

SCORE PRIORITY RULE

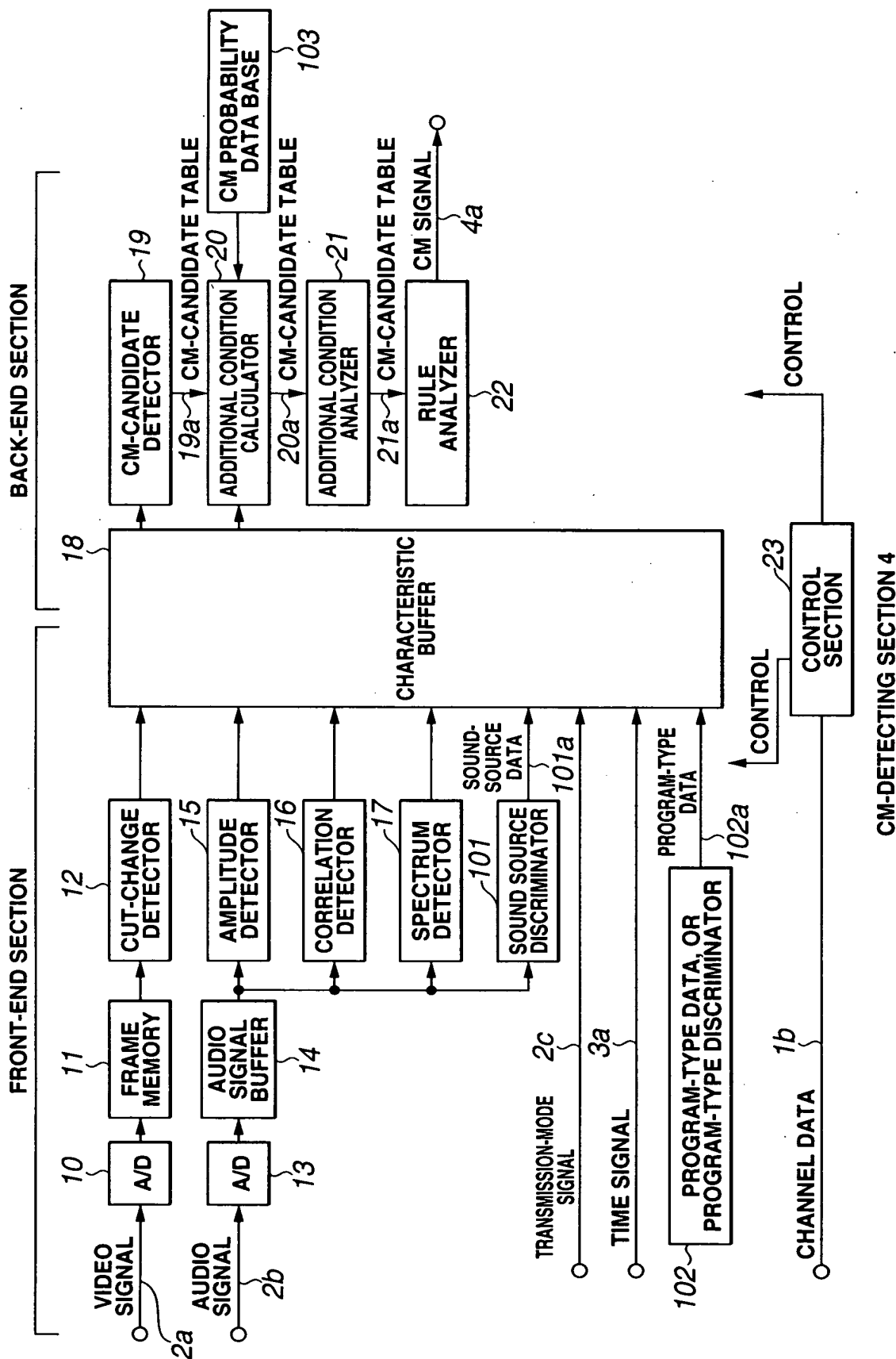


FIG.15

ITEM	SYMBOL	UNIT	EXAMPLE OF NECESSARY CONDITION (19a)	EXAMPLE OF ADDITIONAL CONDITION (20a)	EXAMPLE OF CONDITION DETERMINED (21a)
SOUND CONTAINED ?	Q ₁₂	-	-	1	1
MUSIC CONTAINED ?	Q ₁₃	-	-	1	1
PROBABILITY FOR TIME ZONE	Q ₁₄	-	-	0.15	0.15
PROBABILITY FOR PROGRAM TYPE	Q ₁₅	-	-	0.1	0.1

FIG.16

ITEM	SYMBOL	UNIT	EXAMPLE OF VALUE
NUMBER OF SMALL AMPLITUDES	Q ₁₆	-	1
SMALL-AMPLITUDE PERIOD	Q ₁₇	s	0.24
SIGNAL DISPERSION	Q ₁₈	-	0.40

FIG.17

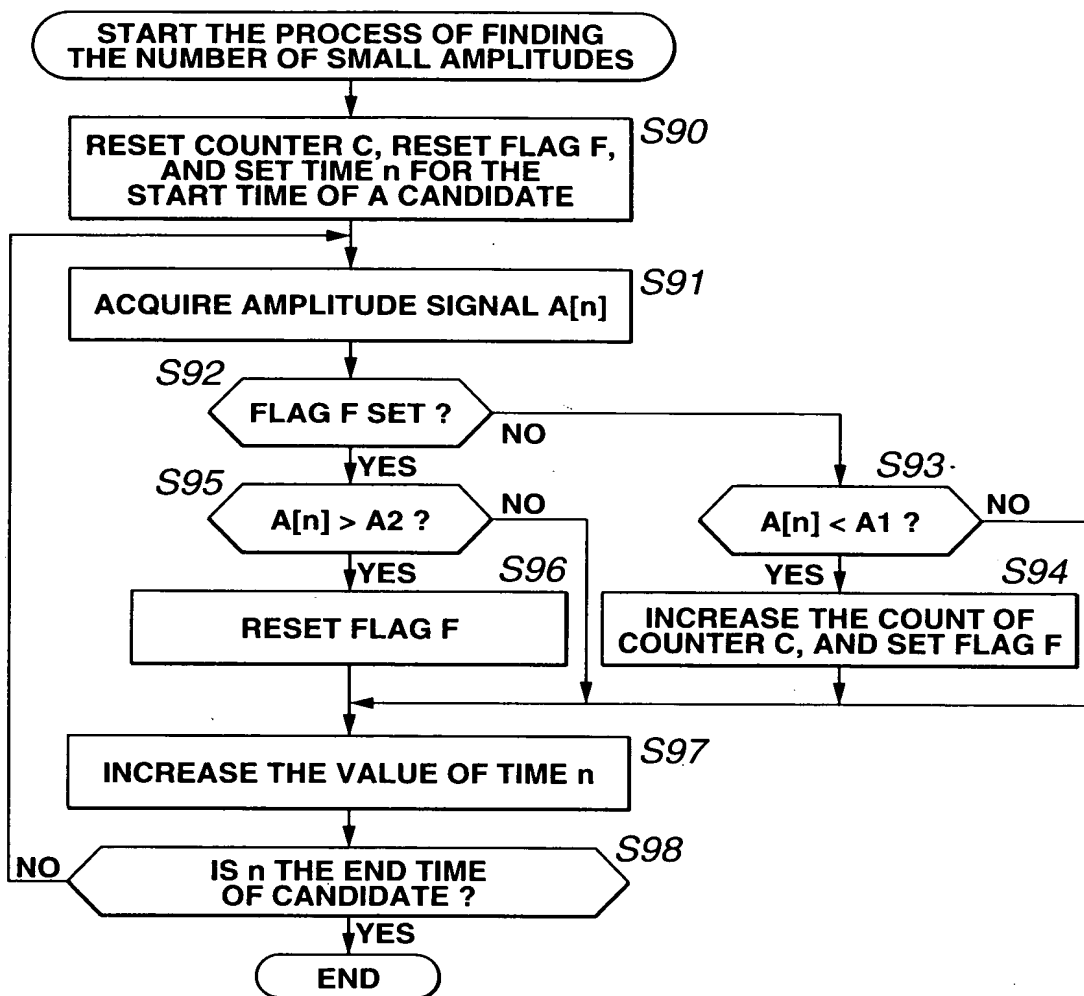


FIG.18

104240" 66604860

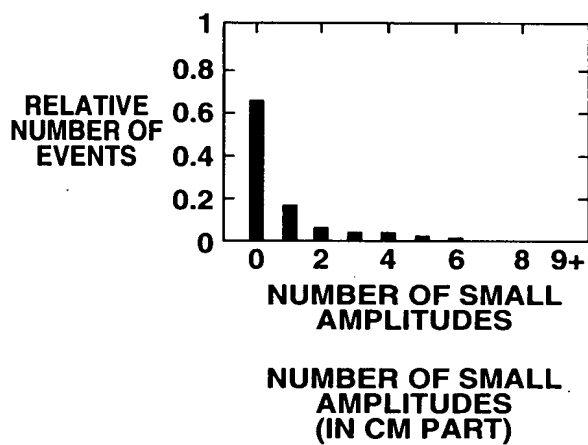


FIG.19A

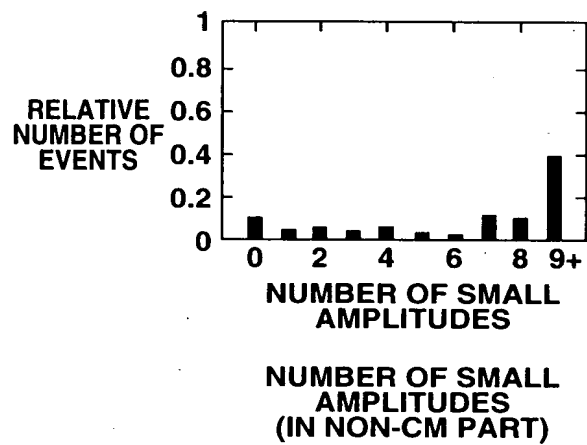


FIG.19B

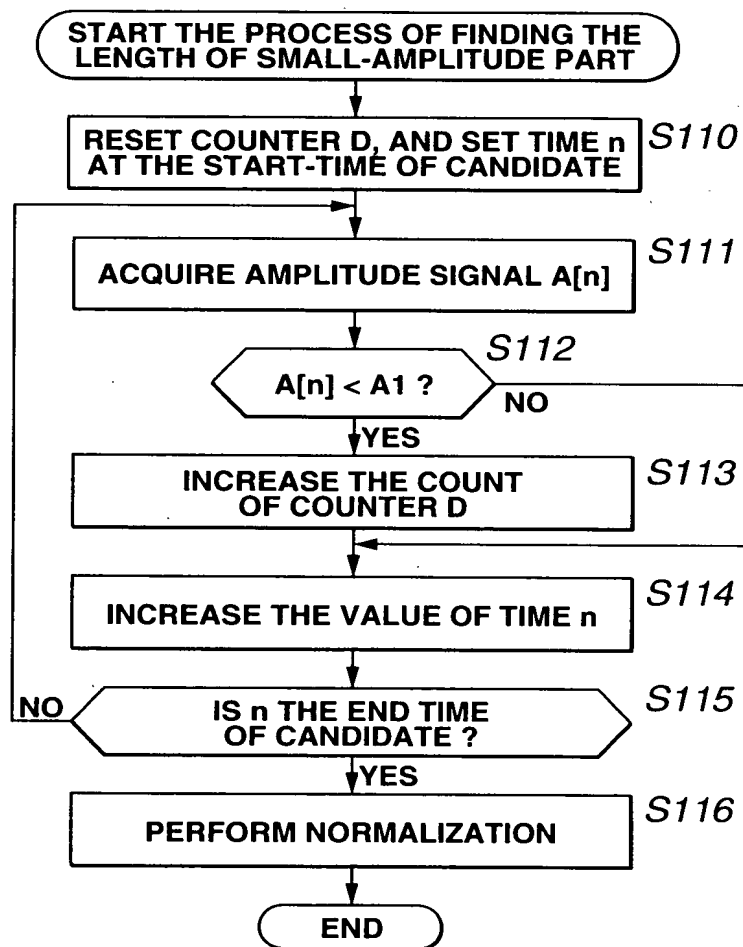


FIG.20

10440939-0440

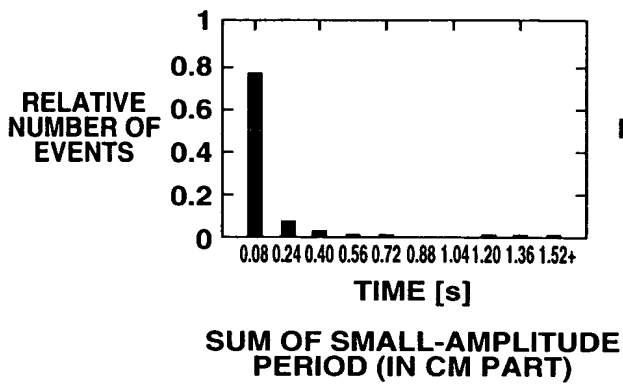


FIG.21A

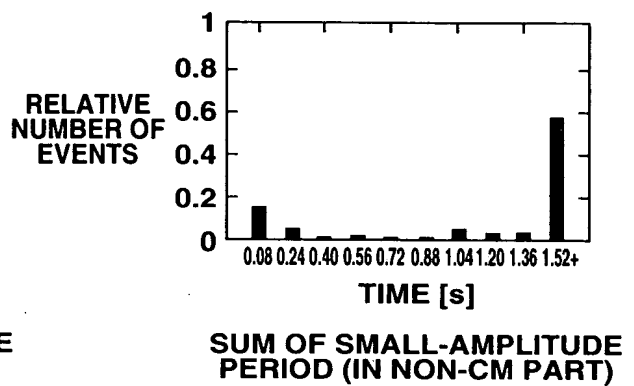


FIG.21B

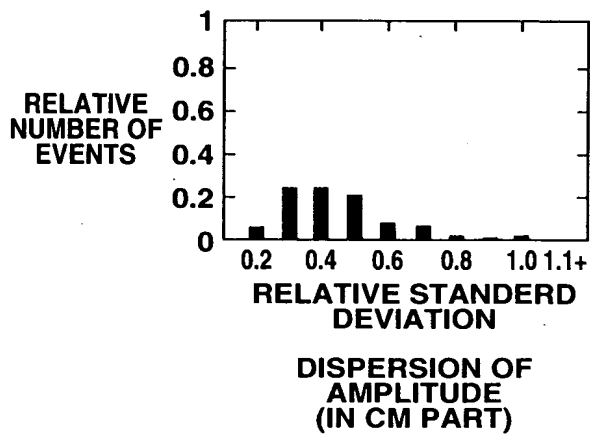


FIG.22A

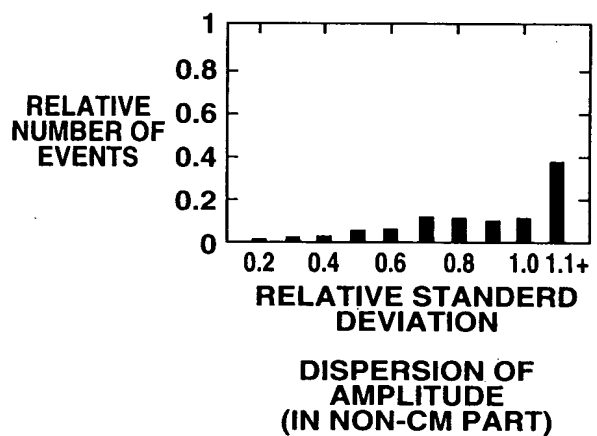


FIG.22B

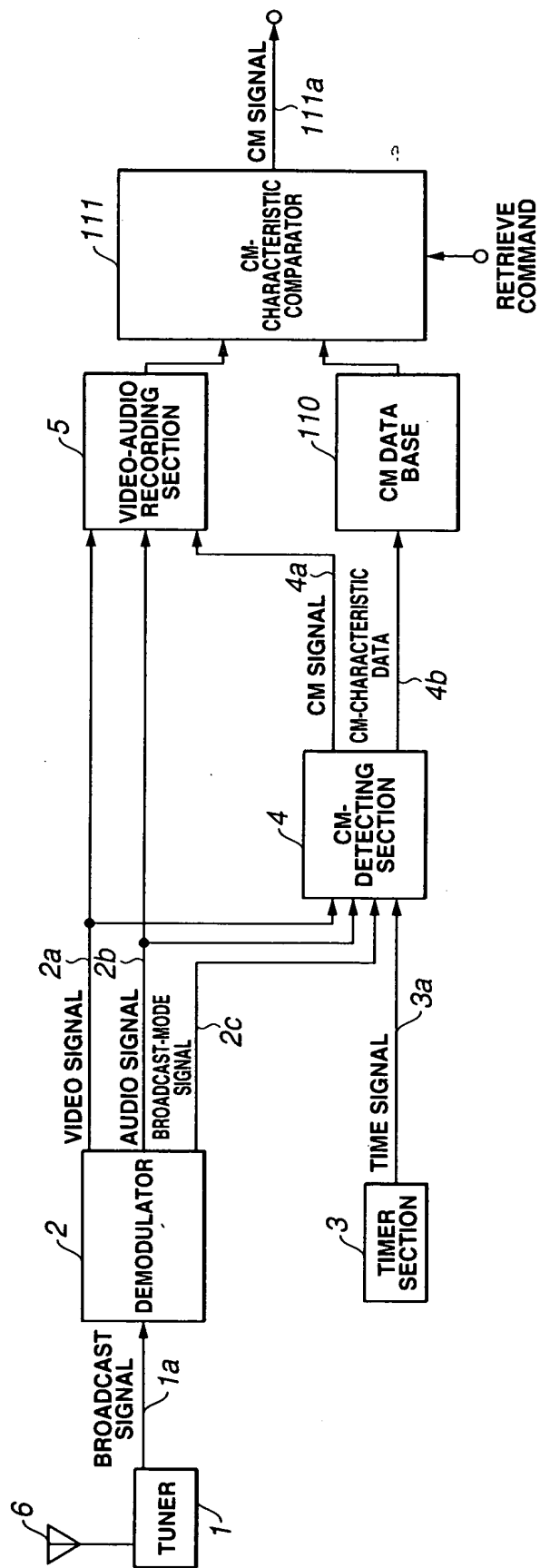
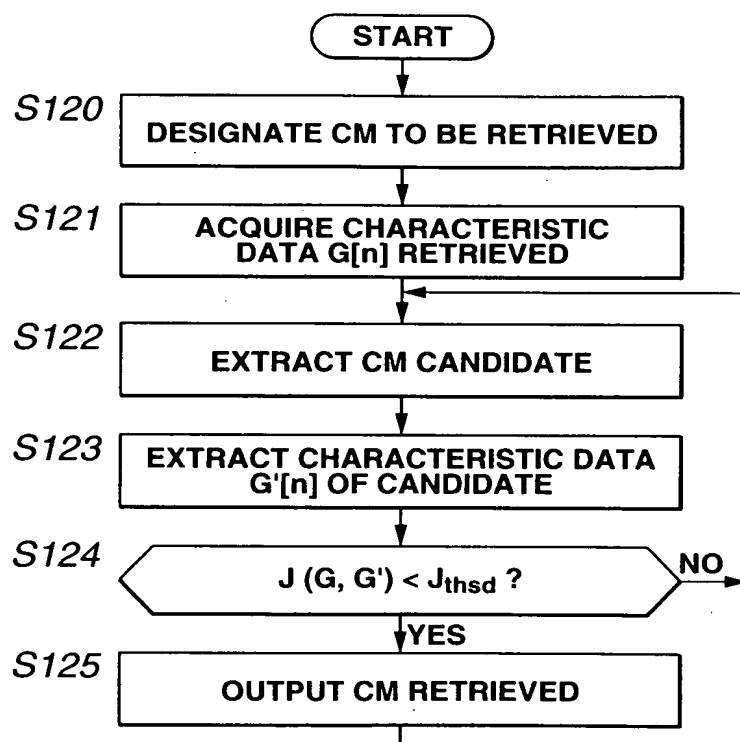


FIG. 23

**FIG.24**

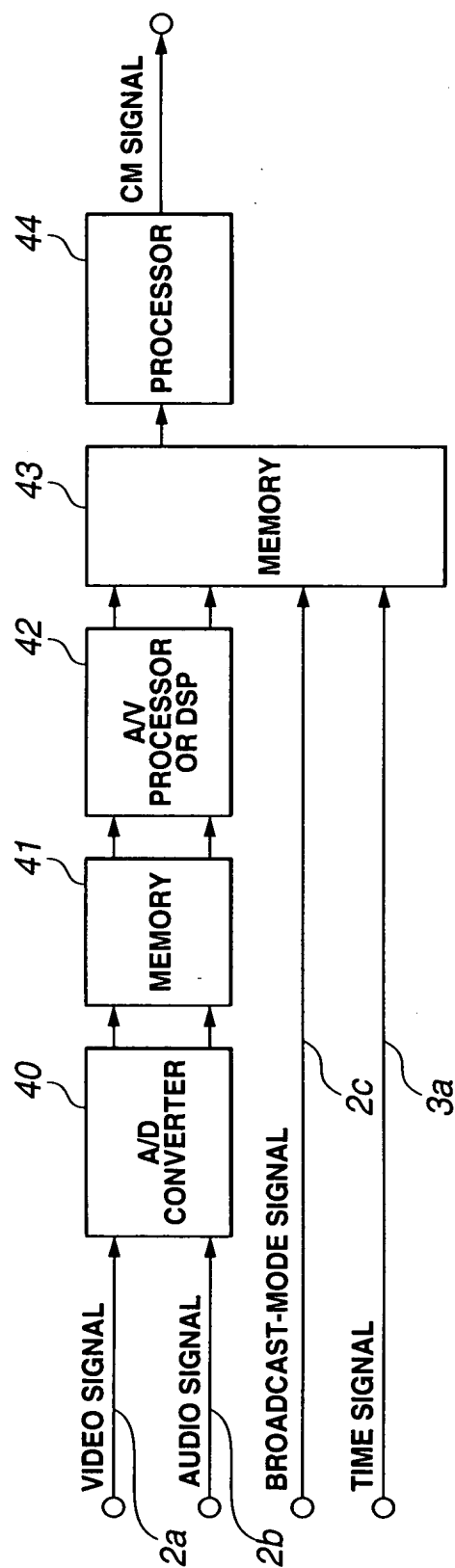


FIG. 25